

PCT09

RAW SEQUENCE LISTING

DATE: 10/04/2001

PATENT APPLICATION: US/09/936,956

TIME: 14:48:58

Input Set : A:\sequence.txt

Output Set: N:\CRF3\10042001\I936956.raw

4 <110> APPLICANT: KuDOS Pharmaceuticals Limited
5 Jackson, Stephen P
6 Durocher, Daniel
8 <120> TITLE OF INVENTION: Screening Methods Based on FHA Domains
10 <130> FILE REFERENCE: MEWE014
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/936,956
C--> 13 <141> CURRENT FILING DATE: 2001-09-17
15 <150> PRIOR APPLICATION NUMBER: GB 9906432.1
16 <151> PRIOR FILING DATE: 1999-03-19
18 <150> PRIOR APPLICATION NUMBER: GB 9915075.7
19 <151> PRIOR FILING DATE: 1999-06-28
21 <160> NUMBER OF SEQ ID NOS: 57
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 56
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
33 <220> FEATURE:
34 <221> NAME/KEY: SITE
35 <222> LOCATION: (1, 14, 21, 37, 53, 55)
36 <223> OTHER INFORMATION: Xaa represents a hydrophobic amino acid
38 <220> FEATURE:
39 <221> NAME/KEY: SITE
40 <222> LOCATION: (3)
41 <223> OTHER INFORMATION: Xaa is Arg or Lys
43 <220> FEATURE:
44 <221> NAME/KEY: SITE
45 <222> LOCATION: (4)..(13), 17, 20, 22..31, 39..46, 48, 49, 52, 54
46 <223> OTHER INFORMATION: Xaa represents any amino acid
48 <220> FEATURE:
49 <221> NAME/KEY: SITE
50 <222> LOCATION: (15)
51 <223> OTHER INFORMATION: Xaa is Ser or Gly
53 <220> FEATURE:
54 <221> NAME/KEY: SITE
55 <222> LOCATION: (16)
56 <223> OTHER INFORMATION: Xaa is Arg or Asn
59 <220> FEATURE:
60 <221> NAME/KEY: SITE
61 <222> LOCATION: (18)
62 <223> OTHER INFORMATION: Xaa is His or Gln
65 <220> FEATURE:
66 <221> NAME/KEY: SITE
67 <222> LOCATION: (32)
68 <223> OTHER INFORMATION: Xaa is Ser or Thr or Gly

ENTERED

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70 <220> FEATURE:
71 <221> NAME/KEY: SITE
72 <222> LOCATION: (38)
73 <223> OTHER INFORMATION: Xaa is Asn or Asp
75 <220> FEATURE:
76 <221> NAME/KEY: SITE
77 <222> LOCATION: (47)
78 <223> OTHER INFORMATION: Xaa is Leu or Ile
80 <220> FEATURE:
81 <221> NAME/KEY: VARIANT
82 <222> LOCATION: (4)..(13)
83 <223> OTHER INFORMATION: 10 - 40 Xaa
85 <220> FEATURE:
86 <221> NAME/KEY: VARIANT
87 <222> LOCATION: (22)..(31)
88 <223> OTHER INFORMATION: 10 - 50 Xaa
90 <220> FEATURE:
91 <221> NAME/KEY: VARIANT
92 <222> LOCATION: (39)..(46)
93 <223> OTHER INFORMATION: 8 - 25 Xaa
95 <400> SEQUENCE: 1
W--> 96 Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
97 1 5 10 15
W--> 99 Xaa Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
100 20 25 30
W--> 102 Asn Gly Thr Phe Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
103 35 40 45
W--> 105 Xaa Gly Asp Xaa Xaa Xaa Xaa Gly
106 50 55
109 <210> SEQ ID NO: 2
110 <211> LENGTH: 15
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
117 <400> SEQUENCE: 2
118 Ala Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu
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122 <210> SEQ ID NO: 3
123 <211> LENGTH: 15
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised
130 <220> FEATURE:
131 <221> NAME/KEY: MOD_RES
132 <222> LOCATION: (5)
133 <223> OTHER INFORMATION: PHOSPHORYLATION
135 <400> SEQUENCE: 3

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136 Ala Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu
137 1 5 10 15
140 <210> SEQ ID NO: 4
141 <211> LENGTH: 15
142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
148 <220> FEATURE:
149 <221> NAME/KEY: MOD_RES
150 <222> LOCATION: (8)
151 <223> OTHER INFORMATION: PHOSPHORYLATION
153 <400> SEQUENCE: 4
154 Ala Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu
155 1 5 10 15
158 <210> SEQ ID NO: 5
159 <211> LENGTH: 15
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
166 <220> FEATURE:
167 <221> NAME/KEY: MOD_RES
168 <222> LOCATION: (8)
169 <223> OTHER INFORMATION: PHOSPHORYLATION
171 <400> SEQUENCE: 5
172 Ala Pro Pro Leu Ala Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu
173 1 5 10 15
176 <210> SEQ ID NO: 6
177 <211> LENGTH: 15
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
184 <220> FEATURE:
185 <221> NAME/KEY: MOD_RES
186 <222> LOCATION: (8)
187 <223> OTHER INFORMATION: PHOSPHORYLATION
189 <400> SEQUENCE: 6
190 Ala Pro Pro Leu Ser Ala Glu Thr Phe Ser Asp Leu Trp Lys Leu
191 1 5 10 15
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 15
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
202 <220> FEATURE:
203 <221> NAME/KEY: MOD_RES

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204 <222> LOCATION: (8)
205 <223> OTHER INFORMATION: PHOSPHORYLATION
207 <400> SEQUENCE: 7
208 Ala Pro Pro Leu Ser Gln Ala Thr Phe Ser Asp Leu Trp Lys Leu
209 1 5 10 15
212 <210> SEQ ID NO: 8
213 <211> LENGTH: 15
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
220 <220> FEATURE:
221 <221> NAME/KEY: MOD_RES
222 <222> LOCATION: (8)
223 <223> OTHER INFORMATION: PHOSPHORYLATION
225 <400> SEQUENCE: 8
226 Ala Pro Pro Leu Ser Gln Glu Thr Ala Ser Asp Leu Trp Lys Leu
227 1 5 10 15
230 <210> SEQ ID NO: 9
231 <211> LENGTH: 15
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
238 <220> FEATURE:
239 <221> NAME/KEY: MOD_RES
240 <222> LOCATION: (8)
241 <223> OTHER INFORMATION: PHOSPHORYLATION
243 <400> SEQUENCE: 9
244 Ala Pro Pro Leu Ser Gln Glu Thr Phe Ala Asp Leu Trp Lys Leu
245 1 5 10 15
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 15
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓
256 <220> FEATURE:
257 <221> NAME/KEY: MOD_RES
258 <222> LOCATION: (8)
259 <223> OTHER INFORMATION: PHOSPHORYLATION
261 <400> SEQUENCE: 10
262 Ala Pro Pro Leu Ser Gln Glu Thr Phe Ser Ala Leu Trp Lys Leu
263 1 5 10 15
266 <210> SEQ ID NO: 11
267 <211> LENGTH: 12
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:

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272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓

274 <220> FEATURE:

275 <221> NAME/KEY: MOD_RES

276 <222> LOCATION: (6)

277 <223> OTHER INFORMATION: PHOSPHORYLATION

279 <400> SEQUENCE: 11

280 Ala Leu Ala Ala Ala Thr Ala Ala Asp Ala Ala Leu

281 1 5 10

284 <210> SEQ ID NO: 12

285 <211> LENGTH: 12

286 <212> TYPE: PRT

287 <213> ORGANISM: Artificial Sequence

289 <220> FEATURE:

290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓

292 <400> SEQUENCE: 12

293 Ala Leu Ala Ala Ala Asp Ala Ala Asp Ala Ala Leu

294 1 5 10

297 <210> SEQ ID NO: 13

298 <211> LENGTH: 15

299 <212> TYPE: PRT

300 <213> ORGANISM: Artificial Sequence

302 <220> FEATURE:

303 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓

305 <220> FEATURE:

306 <221> NAME/KEY: MOD_RES

307 <222> LOCATION: (8)

308 <223> OTHER INFORMATION: PHOSPHORYLATION

310 <400> SEQUENCE: 13

311 Ala Pro Pro Leu Ser Gln Glu Ser Phe Ser Asp Leu Trp Lys Leu

312 1 5 10 15

315 <210> SEQ ID NO: 14

316 <211> LENGTH: 11

317 <212> TYPE: PRT

318 <213> ORGANISM: Artificial Sequence

320 <220> FEATURE:

321 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓

323 <400> SEQUENCE: 14

324 Gly Gly Lys Lys Ala Thr Gln Ser Gln Glu Tyr

325 1 5 10

328 <210> SEQ ID NO: 15

329 <211> LENGTH: 11

330 <212> TYPE: PRT

331 <213> ORGANISM: Artificial Sequence

333 <220> FEATURE:

334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesised ✓

336 <220> FEATURE:

337 <221> NAME/KEY: MOD_RES

338 <222> LOCATION: (8)

339 <223> OTHER INFORMATION: PHOSPHORYLATION

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/936,956

DATE: 10/04/2001

TIME: 14:48:59

Input Set : A:\sequence.txt

Output Set: N:\CRF3\10042001\I936956.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30

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L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:789 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33